

1 Claim:

1. A tank for use with a liquid heating vessel of a hydronic radiant heating system, the heating vessel having a flue for release of exhaust, said tank comprising;

liquid holding means for holding liquid utilized with the heating system; and

aperture means for receiving the flue which extends therethrough, said aperture means defined by said liquid holding means.

2. The tank according to claim 1 wherein said tank includes air releasing means.

3. The tank according to claim 2 wherein said air releasing means is an open top.

4. The tank according to claim 2 wherein said air releasing means is a refill port.

5. The tank according to claim 1 wherein said liquid holding means includes a cover.

6. The tank according to claim 1 wherein said liquid holding means is doughnut shaped.

7. The tank according to claim 1 wherein said liquid holding means is horseshoe shaped.

8. The tank according to claim 1 wherein said liquid holding means includes an outer tank wall and an inner tank wall.

9. The tank according to claim 1 wherein said tank includes a float switch.

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10. The tank according to claim 1 wherein said tank includes a refill port.
11. The tank according to claim 1 wherein said tank includes an outlet port.
12. The tank according to claim 1 wherein said tank includes connecting means for connecting said tank to the heating vessel.
13. The tank according to claim 1 wherein said tank is integrally connected to the heating vessel.
14. The tank according to claim 1 wherein said tank is non-circulating.
15. The tank according to claim 1 wherein said tank includes leg means.
16. A tank for use with a liquid heating vessel of a hydronic radiant heating system, the heating vessel having a flue for release of exhaust, said tank comprising;
 - a liquid holder having an outer tank wall, an inner tank wall, and a bottom tank wall; and
 - an aperture for receiving the flue, said aperture defined by said liquid holder and running vertically therethrough;
 - wherein said tank is positioned above the heating vessel and the flue extends through said aperture.
17. A tank for use with a heating vessel of a non-externally pressurized space heating system, the system of the variety having a heat vessel for heating liquid, piping connected to the heat vessel for receiving the heated liquid and circulating the heated liquid throughout coils and back to the heat vessel, the piping including a pump for circulating liquid through the piping and the coils, the

heat vessel positioned above the coils and having a flue for release of exhaust, said tank comprising:

liquid holding means for holding liquid utilized with the heating system; and

aperture means for receiving the flue which extends therethrough, said aperture means defined by said liquid holding means.

18. A do-it-yourself hydronic space heating kit for assembly of a space heating system utilizing a heat vessel for heating liquid, the heat vessel having a flue, piping connected to the heat tank for receiving heated liquid and circulating the heated liquid throughout coils and back to the heat tank, said kit comprising:

a tank for holding water, said tank including an aperture, said aperture adapted to receive the flue which extends therethrough, and said tank having releasing means for releasing air contained within the system;

a circulating pump sized to connect with the piping; and

a connecting means for connecting said tank to the vessel.

19. A do-it-yourself hydronic space heating kit according to claim 18 wherein said kit includes a heating vessel.

20. A do-it-yourself hydronic space heating kit according to claim 18 wherein said kit includes a line voltage thermostat and instructions.

21. A do-it-yourself hydronic space heating kit according to claim 18 wherein said kit includes a fan coil unit.

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